

19971128.ba v01_n799.bam.971128 v01_n800.bam.971128 v01_n801.bam.971128

>From ???@??? Fri Nov 28 10:37:36 1997
Message-Id: <199711280704.BAA01706@sco.theporch.com>
Date: Fri, 28 Nov 1997 01:04:40 CST
Subject: BOATANCHORS digest 1799

BOATANCHORS Digest 1799

Topics covered in this issue include:

- 1) FS: Manuals (NCL 2000, S-36A)
by Mike Sewell <K0CRX@compuserve.com>
- 2) Centralab switch parts
by jackiv@juno.com (John M Iverson)
- 3) SX-23
by philip mccooy <dgnova@erols.com>
- 4) FS: Heil Microphone Equalizer EQ-200
by Stanley Wilson <microres@crl.com>
- 5) Need NC-300 Articles
by hikrbikr@erols.com
- 6) FS- National Coil Sets
by avidov@juno.com (avi aben)
- 7) Re: SF Valley BA Source
by kenc@smartdocs.com (Ken Corwin)
- 8) HT-37 bias
by "Robert Nickels" <ranickel@mwci.net>
- 9) Re: 900A Sidewinder?
by "Peter Ferrand" <petef@sprynet.com>
- 10) Ron's Annual Manuals For Postage
by ARONGV@aol.com
- 11) Gonset CanoeAnchor
by Brian Bjerkelund <brianbj@compuserve.com>
- 12) Gobbble gobble and thanks
by "W6WUH Larry" <rau@wco.com>
- 13) FS & WTB & Mouse Tragedy
by ARONGV@aol.com
- 14) Re: HT-37 bias
by Kevin Pease <hamradio@mm1001.theporch.com>
- 15) Obscure Gear
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 16) 5R4 's for viking
by "W6WUH Larry" <rau@wco.com>
- 17) HT-37 bias and Thanksgiving Greetings !
by EdKB2NSP@aol.com
- 18) RA17 parts
by Morris Odell <morriso@vifp.monash.edu.au>
- 19) 10M AM

- by kb5ww@juno.com (George Folse)
- 20) Re: 10M AM
by Ronnie Hull <w5sum@ms1.nwla.com>
- 21) Bent Stator Dentistry
by "W6WUH Larry" <rau@wco.com>
- 22) The Real Mouse Mess Tragedy?
by ARONGV@aol.com
- 23) HS33 headphones
by Ronnie Hull <w5sum@ms1.nwla.com>
- 24) re: Civil Defense ham gear
by Ho4bart@aol.com
- 25) Re: FS- National Coil Sets
by nielw@ix.netcom.com (Niel Wiegand)
- 26) Want MN4 and etc.
by gcr2@po.CWRU.Edu (George C. Rybicki)
- 27) 390A BCB Sigs
by Dan Martin <dmartin@visuallink.com>
- 28) Re: Filament care+SS rectifiers
by Ho4bart@aol.com
- 29) GPR 90 knobs
by John Hurst <hurstjsj@gte.net>
- 30) Wanted: SR-75 Manual
by Bob/WB0AUQ <brainbol@lawrence.ks.us>

Date: Thu, 27 Nov 1997 09:40:05 -0500
From: Mike Sewell <K0CRX@compuserve.com>
To: BOATANCHORS <boatanchors@theporch.com>
Cc: ba swap list <baswaplist@foothill.net>
Subject: FS: Manuals (NCL 2000, S-36A)
Message-ID: <199711270940_MC2-29D8-2D9A@compuserve.com>

Excess to my needs, these manuals are complete, unused (not all marked up=
) ,
and perfectly readable photocopies. =

NCL-2000	\$8.00
S-36A	\$10.00

Prices include shipping CONUS.

Happy Thanksgiving fellow advocates of thermionic emission!

73, Mike
K 0 Collects Radios eXclusively/WPE0CFK

Date: Thu, 27 Nov 1997 09:02:48 CST
From: jackiv@juno.com (John M Iverson)
To: <boatanchors@sco.theporch.com>
Subject: Centralab switch parts
Message-ID: <19971127.090302.3430.2.jackiv@juno.com>

the switch parts have gone to an Illinois bidder. tnx to all who asked.
jack
Jack Iverson K0EWU jackiv@juno.com RCA QCWA ARCI IEEE,LM ARRL

Date: Thu, 27 Nov 97 11:05:45 -0800
From: philip mccoey <dgnova@erols.com>
To: boatanchors@sco.theporch.com
Subject: SX-23
Message-ID: <199711271516.KAA14889@smtp1.erols.com>

Re the SX-23, the Super Skyrider and the Skyrider are the same thing.

Watch out for the volume control. The volume control is in the grid circuit of the 2nd audio, not the first audio is the usual custom. The audio will overload on strong broadcast stations. You have to turn down the RF gain, when receiving strong AM stations.

Philip McCoy dgnova@erols.com W3SAK

Date: Thu, 27 Nov 1997 07:41:58 -0800 (PST)
From: Stanley Wilson <microres@crl.com>
To: boatanchors@theporch.com
Subject: FS: Heil Microphone Equalizer EQ-200
Message-ID: <Pine.SUN.3.91.971127073816.18540A-100000@crl3.crl.com>

Heil Microphone Equalizer EQ-200. You may have have seen Bob Heil demonstrate how these work at one of the Dayton shows. Tailor your audio with even a D-104.

Just the thing to give some punch to your Drake or Viking equipment.

Terms: \$40 US Postal Money ORder - I pay shipping

Stan AK0B

Date: Thu, 27 Nov 1997 11:11:12 +0000
From: hikrbikr@erols.com
To: Boatanchors <boatanchors@theporch.com>
Subject: Need NC-300 Articles
Message-ID: <347D554F.773D@erols.com>

Ahoy and Happy Thanksgiving! After reading with interest the recent thread on NC-300 vs NC-303, I'm more than ever anxious to delve into the non-working NC-300 that Hap Perry, WA4UPV & I bought at the Berryville VA hamfest this summer. (BA list member Ed KB2NSP kindly provided a missing pot and knob earlier this year.)

I need the following magazine articles addressing mods to the NC-300:

CQ May 1959, starting p. 41
73 June 1962, starting p. 20

Would a list reader having these issues please send me copies? I will gladly reimburse your expense.

This receiver has some of the mods described in these magazines, others from QST that local hams have offered, and/or from back issues of ER, which I've ordered.

TNX ES 73,
Mike Steussy, AE4R
Vienna VA

[BTW, BAers... Mark your calendars for the Winterfest in Vienna, 22 Feb 1998!]

Date: Thu, 27 Nov 1997 11:44:57 -0500
From: avidov@juno.com (avi aben)
To: boatanchors@theporch.com
Subject: FS- National Coil Sets
Message-ID: <19971127.114514.9198.0.avidov@juno.com>

Can someone tell me which receiver(s) use these coil sets ?
Type G -200 to 400 KHZ
Type JC - 3.5 to 7.3 MHZ

Each set c/o 4 sealed cans mtd on a black crackled panel.They are both in great condition. 73

Date: Thu, 27 Nov 1997 09:10:47 -0800 (PST)
From: kenc@smartdocs.com (Ken Corwin)
To: dxguy@earthlink.net (Don L. Davis)
Cc: boatanchors@theporch.com
Subject: Re: SF Valley BA Source
Message-ID: <199711271710.JAA15325@hobbit.smartlink.net>

Hello Don,

I only get the BA Digests so, by this time, you've probably been inundated with answers. But what the heck, the more the merrier. Here are mine:

Alvaradio, Arrow Sales, J. J. Candee, and Columbia Electronics all went out of business in the Valley a long time ago. Others in the LA area, such as V&H Electronics, J. J. Glass, Sam's Surplus, and Universal Radio's "Attic," are also long gone. Highway Electronics moved to, I think, Oceanside.

There is an old surplus dealer on Laurel Canyon in the Sun Valley/North Hollywood area but I remember neither the name of the store nor exactly where it is. It is on the west side of Laurel Canyon, though.

The only other surplus dealer of consequence in the Valley is Apex Electronics, 8909 San Fernando Rd. (at Pendleton) in Sun Valley.

Davilyn is at 13406 Saticoy St. (on the south side of the street, between Woodman and Coldwater), in North Hollywood. But you knew that.

All Electronics is at 14928 Oxnard St. (on the south side of the street, between Sepulveda and Kester) in Van Nuys. You knew that, too.

There are other dealers that are not in the Valley but are still viable in the LA area. C&H, in Pasadena, and Nevada Metals, in Long Beach, come to mind, but I'm not familiar with either.

Hope this helped some. Have an enjoyable Thanksgiving.

Ken Corwin, KF6NUR, Canyon Country, CA (kenc@smartdocs.com)

Date: Thu, 27 Nov 1997 11:24:23 +0000

From: "Robert Nickels" <ranickel@mwci.net>
To: boatanchors@theporch.com
Subject: HT-37 bias
Message-ID: <199711271727.LAA15337@subcellar.mwci.net>

Hi All,

My HT-37 has me puzzled. The manual says to adjust the final bias to -49 volts, which I can do, but the power output is very low at that setting, even with new finals. Cranking the bias"up" to -42 or so (max setting of the bias pot) more than doubles the output. Any suggestions will be appreciated, as the -49 is the correct value according to the Handbook...yet seems to be cutting off the tubes.

Thanks and 73,

Bob W9RAN

Date: Thu, 27 Nov 1997 12:45:28 -0500
From: "Peter Ferrand" <petef@sprynet.com>
To: <KQ4BY@ix.netcom.com>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: 900A Sidewinder?
Message-ID: <01bcfb5c\$3fb94240\$bddeafce@SPRY409434>

-----Original Message-----

From: Larry Keith <KQ4BY@ix.netcom.com>

>Ran across an ad in a 1968 QST, offering a 900A Sidewinder... Can
>anyone tell me:

Larry et al:

I was hoping we'd get more replies to this question to fill in the facts and jog my memory, but I had one of these things in the late 60's.

I remember I somehow conned my dad on the spur of the moment and a call to a classified ad to drive from our home in The Bronx to the outer reaches of Staten Island at night in the pouring rain, a trip clear across the city of New York that took well over two hours each way.

The result was having what was really a pretty good rig, all told, and one that probably would have been more successful at a lower price; of course 2M SSB wasn't super popular. It was 20W PEP to a 6360 as previously reported,

with some common tube for a driver I think. The main tuning knob was made of wood, which was pretty unusual. The power supply, the same one used on the 910, clipped on the back with luggage-type clamps (sort of) that allowed swapping a DC for an AC supply.

Only problems were the usual ones with transistor rigs of the day - you needed to carefully select transistors. Also it had the transistors in sockets which in the days before De-Oxit caused intermittents. All hand wired and looked very expensive to produce. And the sensitivity was adequate, not as good as the Ameco CN-144 converter I had then.

I converted (simple) a Heath Seneca to an SSB linear for the thing and worked out pretty well. Only I never realized before I bought the rig that SSB rigs don't really sound all that great on AM. Its AM was one sideband plus carrier and maybe 8 watts in. People could understand me, but it really wasn't competitive fidelity wise. Most 2M work was AM back then, mostly local rag chewing.

I think the crystal filter was rather simple but you didn't need much for 2M then. No drift or keying problems I recall.

Come to think of it, these things are extremely rare on the used market these days...I don't operate VHF so I don't pay attention but I can't recall ever seeing one at a flea market.

Wouldn't be a bad little BA to play if that's your mode and band.

73

-Pete

WB2QLL

petef@sprynet.com

Date: Thu, 27 Nov 1997 12:47:50 -0500 (EST)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: Ron's Annual Manuals For Postage
Message-ID: <971127124750_1914460032@mrin41.mail.aol.com>

Hi Gang:

Before I get started with Part 1 of my annual manuals for postage, I wanna say that from time to time I see requests for manuals and schematics. Lots of requests. That's why I get involved.

But just in case some out there in BA land aren't aware, there are some very good sources that offer great service and quality manuals month in, month out. A catalog from any of the following will usually get you what you need, if it's not too obscure.

Here are the manual suppliers I use: W7FG Manuals, 800-807-6146, E-mail w7fg@w7fg.com; The Manual Man, Pete Markavage, 908-238-8964; Vintage Manuals, WA9HRN, 1308 Kristin Dr., Libertyville, IL 60048; and Richard Prester, 973-728-2454. If someone wants to recommend another, post the list with it.

RULES REVIEW. PLEASE READ ALL before making a request:

1. Please, request only one. And don't return later with another choice. Just pick one, send one request and wait.

2. Don't request one unless you intend to send the mullah for postage, as failure to follow through cheats someone else out of their needs/wants.

3. Requests go directly to my E-mail address (Arongv@aol.com) NOT TO THIS LIST.

4. Due to the usual volume of requests, if you don't hear from me assume it's already taken.

5. Starting time: 0001 (AM) EST Friday (or that's 1 minute after midnight Friday morning Eastern Standard Time). ANY REQUESTS BFORE THIS START TIME WILL BE AUTOMATICALLY DELETED.

6. Finally, PLEASE don't resend the post I'm making. It wastes my time and I *do* remember what I've offered. Thanks.

I've decided the equipment giveaway should be closer to Christmas, and it would just make this effort now too complicated.

1. HT-37 repro, \$1.50 for postage.
2. Viking Ranger II in nice plastic covers \$2.00
3. Eico 753 (W7FG repro) \$2.00
4. Knight T-175 (W7Fg repro) \$2.00
5. Globe Chief 90A (Manual Man) \$2.00
6. Knight VFO \$1.50
7. Heathkit DX-60 original, sorta rough looking outside \$3.00
8. Swan 240 (W7FG repro) \$2.00
9. Siltronix 1011C original, looks great \$2.00
10. Johnson Viking 122 VFO original manual \$3.00
11. Globe 755-A VFO (Manual Man) \$2.00
12. National NC-100 (W7FG) \$2.00
13. EICO 710 Grid Dip Meter, original looks VG \$2.00
14. EICO 753 original manual very used \$2.00

- 15. Heath SA-5010 Keyer original manual \$2.00
- 16. Heathkit HR-10 (W7FG) \$2.00
- 17. Heathkit Comanche excellent, complete repro \$3.00
- 18. Heathkit HW-16 transceiver repro, loose \$1.00
- 19. Swan 400 (W7FG) \$2.00
- 20. Complete, nice looking ARRL Manual, circa 1960, 280 pages \$3.00
- 21. Very nice original Hallicrafters SR-400A ops and service manual \$3.00
- 22. Heathkit SB-221 (same as 220) original Heathkit manual, heavy, \$5.00

That's it. Happy Holidays. I'll return week before Christmas with some interesting winter projects on the same basis, rigs for postage!

73s Ron W00IZ
Kansas City

Date: Thu, 27 Nov 1997 13:08:50 -0500
From: Brian Bjerkelund <brianbj@compuserve.com>
To: BOATANCHORS <boatanchors@theporch.com>
Subject: Gonset CanoeAnchor
Message-ID: <199711271309_MC2-29D9-BCE3@compuserve.com>

Hi Gang:

Thanks to all for your congrats; I'm still grinning like a fool! Now, if I
can just inch that CW up to 20 wpm.....

Anyway, I drug home a CD model Communicator 2-meter the other day. This is
the "ol' yellor" model with CD decals on the front and sides, and
screwdriver adj. for xmtr tuning functions on the front panel. I remember
these from my first life in CD, RACES, etc. Anyway, the power supply
switches have been crushed. The main on/off switch is no sweat, they left
it
the remains in place, but the xmtr filament switch has been cut out of the
circuit.

There only seems to be three wires involved; one to the filament of a 6X4,
one from the main power switch and one to the power xfmr. While I can
dope this out, I really don't want any surprises.....if anyone has a
schematic and can take a quick look to verify switch connections and
missing components (if any), I'd really appreciate the favor.

Tnx in advance,

Brian, KC7ZDA/Almost General
brianbj@compuserve.com

Date: Thu, 27 Nov 1997 11:14:33 -0800
From: "W6WUH Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Gobbbble gobble and thanks
Message-ID: <199711271915.LAA15632@shell.wco.com>

Thanks to everyone who had satin black paint suggestions

Which were : Rustoleum semi flat, Krylon satin black, and high temp paints
from various makers

thank you all for taking time to share your experience

Have a Happy Thanksgiving !

W6WUH

Larry Rau
Occidental California

Date: Thu, 27 Nov 1997 14:14:49 -0500 (EST)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Cc: baswaplist@foothill.net
Subject: FS & WTB & Mouse Tragedy
Message-ID: <971127141449_1214804167@mrin79>

Hi Gang:

Just cleaning shack area before the turkey feast and came across a
Hallicrafters HA-8 Splatter guard unit. kinda needs some TLC, but mostly it's
not clean, and for the picky, it could use a cabinet spray job. \$20 shipped
with manual.

Mint Swan 405X with crystals mint, \$30 shipped.

Now, I'm still in the hunt for a Hammarlund HX-50A, not a HX-50. The A model
has two tubes in the final, built-in changeover relay, CW break-in, etc.

Lastly, a decent speaker that would sorta match an NC-183D or a NC-183. Seen lots of comments on the National NC-300 and 303, but for my money, I'll take an NC-183D or SX-101 any day. I've had all four, but I never sold my 183D.

As for the thread I innocently started on cleaning mouse droppings and wettings, I didn't get two guys to agree on what's best to clean up a BA chassis when it's been a mouse bathroom to generations of the critters. So far what seems to be working best for me is an auto cleaner product made by Turtle Wax for getting bugs and road tar off your car's paint.

My favorite subject heading response: "The Great Mouse Piss Tragedy." And I discovered lots of fine BAs still suffer from being a rodent's bathroom. Don't forget to fumigate the rig. That stuff is really awful to smell when you get it wet.

Happy Holidays

Ron W00IZ Kansas City

Date: Thu, 27 Nov 1997 11:38:38 -0600 (CST)
From: Kevin Pease <hamradio@mm1001.theporch.com>
To: Robert Nickels <mwci.net!ranickel@mm1001.theporch.com>
Cc: Old Tube Radios <theporch.com!boatanchors@mm1001.theporch.com>
Subject: Re: HT-37 bias
Message-ID: <Pine.LNX.3.95.971127113632.13197B-1000000@mm1001.theporch.com>

On Thu, 27 Nov 1997, Robert Nickels wrote:

> Hi All,

>

> My HT-37 has me puzzled. The manual says to adjust the final bias to
> -49 volts, which I can do, but the power output is very low at that
> setting, even with new finals. Cranking the bias"up" to -42 or so
> (max setting of the bias pot) more than doubles the output. Any
> suggestions will be appreciated, as the -49 is the correct value
> according to the Handbook...yet seems to be cutting off the tubes.

>

What I would do is put a meter in series with the plate voltage set to measure MA and set the bias for 50 ma idling current. I don't know where the bias is set on my HT-37 but I get 100 watts on 80m and about 70 watts on 15 and 20m. Mine is set for 50 MA idle current.

Kevin Pease
WB0JZG
Mount Juliet, TN.

Date: Thu, 27 Nov 1997 13:13:24 -0800
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: Obscure Gear
Message-ID: <000AD451.001914@svlima.sv.sc.philips.com>

Normally I would not to do this but, since Al Fritsche requested it, here goes. In my 200+ piece collection I have but seven obscure types. In order of rarity they are:

Cosmophone 1000 transceiver - This is the only one I know to exist. Read about it in August 1997 ER. It's a 1KW desktop unit that covers 80-10 meters.

Collins Model 30W transmitter - This is the first transmitter Art offered for sale. I know of four that exist. Manufactured in '31 and '32.

Cosmophone 35 transceiver - Second commercially available SSB transceiver (followed KWM-1). I own eleven of the less than thirty known to exist.

Cosmophone 50 transceiver - Same as the 35, save the number. I own one of these and only know of one other marked this way. Read about it (and the 35) in June and July 1997 ER.

Supreme AF-100 transmitter - About 200 made. Read about it in February 1996 ER.

B&W 6100 transmitter - First crystal synthesized transmitter. Perhaps 300 made.

RME-9D receiver (w/separate LS-2 Lamb noise blanker) - Successor to the RME-9k, built in 1934. Unsure of the number built.

For this meager collection, my family, health and friends, I am very thankful.

73,

Brian Harris WA5UEK

Date: Thu, 27 Nov 1997 11:29:24 -0800
From: "W6WUH Larry" <rau@wco.com>
To: <jlockj@minn.net>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: 5R4 's for viking
Message-ID: <199711271930.LAA18684@shell.wco.com>

all of them will work... I use the W version with the high plastic base because i think it is an extremely rugged tube...(this is just some thing i think, because i have a bunch) actually all the 5R4's are pretty tough...and they don't really work that hard in the viking. doubt if you will wear out a new pair in your lifetime.

Larry W6WUH

Date: Thu, 27 Nov 1997 14:44:57 -0500 (EST)
From: EdKB2NSP@aol.com
To: hamradio@mm1001.theporch.com, boatanchors@theporch.com
Subject: HT-37 bias and Thanksgiving Greetings !
Message-ID: <971127144457_-1606697120@mrin79>

Happy Thanksgiving to the group !

I'd have to concur with Kevin on setting the bias. I too had low power out with the recommended -49v and reset it for idle current. Measuring the voltage yielded -41 volts for the tubes in place .

While I'm making a statement to the list, I'd also give a Thermionic thank you to Ron Merrell for helping me get geared up for some 160 meter BA activity ! It'll be a real challenge with my antenna limitations, but I can hope !

My best to All !

Ed K. in Ocean City, NJ

Date: Fri, 28 Nov 1997 08:06:53 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
To: boatanchors@sco.theporch.com
Subject: RA17 parts
Message-ID: <347DE0ED.55C9@vifp.monash.edu.au>

To all Racal RA17 owners in our midst,

I have found a place in the UK which seems to be an equivalent of Fair Radio regarding parts for the Racal RA17. They have sent me a price list which includes various modules, covers, tubes etc. I don't know whether they sell complete receivers.

Their address is:

Colomor Electronics
170 Goldhawk Rd

London W12 8HJ

I have no connection with them other than as a prospective customer.

73 de Morris VK3DOC

Date: Thu, 27 Nov 1997 17:53:39 EST
From: kb5ww@juno.com (George Folse)
To: boatanchors@sco.theporch.com
Subject: 10M AM
Message-ID: <19971127.164315.5063.3.kb5ww@juno.com>

All,
10M was open again today,made quit a few contacts.Sandy W5TVW, John
W6GL,and I had it going for a while.
Thanks for the contacts,
73s

George Folse KB5WWO kb5ww@juno.com
630 Dolhonde St.
Gretna,La.70053
504-362-1896 ph/fax
Collector of Heathkit,EF Johnson,and Atwater Kent AMI#937

Date: Thu, 27 Nov 1997 16:56:32 -0600
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Subject: Re: 10M AM
Message-ID: <3.0.5.32.19971127165632.007ba280@ms1.nwla.com>

I made 11 contacts on ten today, 5 of those on AM. The Drake twins
are running well up there, though low on output. Is this normal?

LOTS of ssb on 10 today. This is going to be a great fall/winter on
10 meters, I can feel it...

Ronnie

* W5SUM *
* Ronnie Hull *
* ex: WN5AIA & WB5AIA *
* Ten-Ten #2019 AMI #1057 *
* 3131 Meadow Parkway Dr. *
* Shreveport, La USA 71108 *

Date: Thu, 27 Nov 1997 15:02:09 -0800
From: "W6WUH Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Bent Stator Dentistry
Message-ID: <199711272303.PAA29416@shell.wco.com>

well...it seems that when when vairable caps get crunched..it is either a minor deal..affecting just a couple of stators or a big progressive crunch where some part of the cap takes the brunt of the impact and farther down the line things are less bent up...

given that...I am afraid I favor the rather unsophisticated method of starting at the out side and working toward the other end with a fine pair of needle nose pliers.. or maybe two... one for each hand.

one of the questions you need to ask is : are the insulator/separators of the revolving stator still intact.. or intact at least in groups of a few blade each ?

I recently had a radio in the shop that had a few of the stator (blades) fall out of the cap !...the solder lug on the fixed section had been bent up..probably at the factory in 19 umpty 8 and it had been bottomed out on this lug enough times untill it both broke the insulator/ separators which also are the stop.. but it popped the blades out of the rotating stator shaft...

Here is why I mention this.. in many variables the aluminum blades are a crimp or interference fit in grooves in the brass stator shaft...so it is possible to gently force them back into position...which in this case i did and then gave it a touch of super glue for good measure (I know I know,, but it was an odd ball variable for which there was no replacement)

Now what this suggests to me is that when the " bending back into shape with needle nose method " is not sufficient, it might makes sense to purposely remove the bent stator blades...straighten them on your velvet covered workbench with your velvet hammer.. or how ever you plan to do it.. and then re-install the straightened blades.

You will still be stuck with glueing the insulator/separators back together so the rotating stator will stop when it should... and this requires more ingenuiity if the bakelite or ceramic is gone...but it can be done.. and with some thought and care.. it can be done in a way that can be barely noticable.

BTW... insert the blades in the rotor first and get them lined up right...and apply the superglue last.. you don't want to insulate the blades from the shaft with the glue, you want the press fit to be the electrical connection just as it always was.. and then secure that with the superglue sparingly applied.

Now obviously some variables have cast, or soldered stator blades and this technique won't work on them...and on the really old cast blades in 20's radio the material is not malleable anyway .. but then you are probably looking at a broken blade..not a bent one.

anyhow.. my vote is for trying to patiently bend the things back into shape...first. If spacing permits...you could try to pad the jaws of your needle nose to avoid chewing up the aluminum...though that is probably the least of your worries.

If that fails , and no reasonable replacement is available.. then start yanking teeth. What have you got to lose ?

Larry W6WUH

Date: Thu, 27 Nov 1997 18:58:50 -0500 (EST)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: The Real Mouse Mess Tragedy?
Message-ID: <971127185850_-871589697@mrin44.mail.aol.com>

Hi Gang:

Ken Kinyon, W7TS (W7TS@concentric.net) shot me a warning about working on equipment used as bathrooms by mice.

Ken says that it "Not only smells bad, but you can get a very bad, make you

dead virus, if they happen to be deer mice!"

I've also been informed that the HX-50A does NOT have two tubes in its final tank circuit, contrary to what I had been referring to in a popular BA book on tube-type transmitters.

Ron W00IZ

Date: Thu, 27 Nov 1997 18:51:25 -0600
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Cc: baswaplist@foothill.net
Subject: HS33 headphones
Message-ID: <1.5.4.16.19971127195458.253f4d18@ms1.nwla.com>

Howdy y'all

I'm in the market for a pair of HS33 headphones. These are specified as being correct for the BC348. I would like to locate a pair that has usable rubber earcushions. Let me know what ya got...

Ronnie - W5SUM

=====
W5SUM
Ronnie Hull
3131 Meadow Parkway dr.
Shreveport, La 71108
=====

Date: Thu, 27 Nov 1997 20:13:09 -0500 (EST)
From: Ho4bart@aol.com
To: boatanchors@theporch.com
Subject: re: Civil Defense ham gear
Message-ID: <971127201309_380391692@mrin38>

In a message dated 97-11-27 19:30:11 EST,
brianbj@compuserve.com writes:

> I drug home a CD model Communicator 2-meter the other day.
This is the "ol' yeller" model with CD decals on the front and sides, and

this got me to thinking abt radios i have seen with the CD logon on them.

around 1976-1978 washington state surplussed out a bunch of Harvey Wells Bandmasters, Gonset Communicators, and Sonar CD-2 and CD-6. i wished i had picked up the Sonar becuz that set really looks military tuff, black panel and a fold down front cover and big tuning dial. i sure hope a few survived, tho i've never seen one at a swap. i think the big CD decals on these really adds character.
hue miller

Date: Thu, 27 Nov 1997 19:41:08 -0600 (CST)
From: nielw@ix.netcom.com (Niel Wiegand)
To: avidov@JUNO.COM
Cc: boatanchors@theporch.com
Subject: Re: FS- National Coil Sets
Message-ID: <199711280141.TAA19459@dfw-ix10.ix.netcom.com>

The JC was designed for the HRO Jr but I believe may be used in any of the pre WWII HROs as a general coverage set. A real Jr is fairly rare. They were sold with one general coverage coil set only for a few years before WWII.

Does G set have the u shaped handles? Also what sort of calibration scale? This info would tie it to a particuler version of the HRO.

btw, one of the WWII HRO variants (the RAS) used a different IF. These are hard (or impossible) to align in a standard HRO.

Most HRO coils were stamped in ink with the serial number of the set they were aligned in. This serial number can also help date them.

For my information I do have a question about HRO Jr coils in general:

The contact board or each coil can should have a number stamped or printed on the molded piece. It will be a number like "C2". How are the JC coil cans marked?

tnx es 73, Niel
see my National Radio web page at <http://www.io.com/~nielw/index.htm>

You wrote:

>

>Can someone tell me which receiver(s)use these coil sets ?

>Type G -200 to 400 KHZ

>Type JC - 3.5 to 7.3 MHZ

Date: Thu, 27 Nov 1997 21:17:57 -0500 (EST)
From: gcr2@po.CWRU.Edu (George C. Rybicki)
To: boatanchors@sco.theporch.com
Subject: Want MN4 and etc.
Message-ID: <199711280217.VAA03093@piglet.INS.CWRU.Edu>

Looking for two things today. The first is a Drake MN-4 antenna tuner and the second is a manual copy or even a schematic for the Heath PS-4 variable HV power supply. Tnx George

Date: Thu, 27 Nov 1997 21:19:50 -0500
From: Dan Martin <dmartin@visuallink.com>
To: boatanchors@theporch.com
Subject: 390A BCB Sigs
Message-ID: <347E2A46.92E@visuallink.com>

Hi, all:

Became aware of a troubling situation today with my '67 EAC that may sully the reputation of its crunch-proof front end (could this be?) or indicate a problem with my particular radio, which seems otherwise *perfect* on the ham bands and SWBC where it spends all of its time. I was listening to the AM BCB tonight, which I never do. I discovered we have a real mondo-station locally at 1400 kHz. 70 db-plus on my carrier meter. Problem is, I continue to hear this station through the noise and other stations at somewhat reduced level almost continuously up to 1500 kHz and down to 1300 kHz - almost a 200 kHz range. Not good, I think. At this 70 db-plus at 1400 kHz, the AGC can't seem to prevent a little distortion on voice peaks. I measure -10 to -11 volts between the AGC jumper bar and chassis ground and 5-7 ua between terminals 3 & 4 with the jumper bar removed. This is with my HP-410C and with the 70 db signal.

Are these typical AGC values for such a booming signal? Why the +/- 200 kHz reception? I mean, yeah, it's a strong signal but come on! All commentary is welcomed!

73
Dan
WB4GRA

Winchester, VA

Date: Thu, 27 Nov 1997 21:30:24 -0500 (EST)
From: Ho4bart@aol.com
To: boatanchors@theporch.com
Subject: Re: Filament care+SS rectifiers
Message-ID: <971127213023_1550430631@mrin86.mail.aol.com>

In a message dated 97-11-02 17:00:15 EST, rau@wco.com writes:

> What tubes don't like is being called upon to deliver power from
half warmed filaments...or put another way, running your filaments
at below the rated voltage decreases the filament life...>

this may be true for great big power toobs, but i wager this doesn't
apply to receiving tubes. think about this example, 6BA6 run at lower
fil current, just less transconductance, less rig sensitivity, and.....the
toob will last a lot longer.

i don't think this applies to most power tubes either. think about a 6v6
single audio output tube....low heater current just means lower output.
i read somewhere in an old magazine (like 40s era Radio News) that
running tubes 10% lower heater voltage would hardly affect transconductance
but increase tube life substantially.
hue miller

Date: Thu, 27 Nov 1997 19:09:57 -0800
From: John Hurst <hurstjsj@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: acomarow@USNEWS.COM
Subject: GPR 90 knobs
Message-ID: <347E3605.7BE3@gte.net>

Avery Comarow wrote:
I'd love to ... get a knob set for the
GPR-90 receiver.
Avery W40GK

I discovered that these GPR90 knobs (which are made by Daka Ware) can be
exactly duplicated from the more common "Collins style" knobs by using a
small skirt with the next larger size knob. The skirts are held on with
three screws.

73, John, KU6X

Date: Thu, 27 Nov 1997 21:16:44 -0600
From: Bob/WB0AUQ <brainbol@lawrence.ks.us>
To: boatanchors@theporch.com
Subject: Wanted: SR-75 Manual
Message-ID: <347E379C.7286@lawrence.ks.us>

I would like to start restoration of this little rig and need whatever info might be available (manual, schematics, remembrances of those who are familiar). Will be a big project as there are parts missing and what appears to be mods. I bought it thinking it would probably be a parts rig but have never seen another one, so have upgraded it to "restorable."

The SR-75 was Hallicrafters Novice "transceiver" of 1950-51. Actually a modified S-38B which used the 50L6 audio output tube as the final in xmit. Now that I have told all I know . . . help.

--

73,

Bob/WB0AUQ/AFA3RE FISTS #1905
e-mailto:brainbol@lawrence.ks.us

End of BOATANCHORS Digest 1799

>From ???@??? Sat Nov 29 09:50:21 1997
Message-Id: <199711282054.0AA03138@sco.theporch.com>
Date: Fri, 28 Nov 1997 14:54:22 CST
Subject: BOATANCHORS digest 1800

BOATANCHORS Digest 1800

Topics covered in this issue include:

- 1) FS BC-221F
by Mikhael Brown <mikhael@hpcmp13.sj.hp.com>
- 2) FS Books
by Mikhael Brown <mikhael@hpcmp13.sj.hp.com>
- 3) Rust on copper plated chassis
by John England <jengland@mail.tds.net>
- 4) Re: Determining age of Simpson 260 meter?
by Tom Norris <badger@telalink.net>
- 5) Re: GPR 90 knobs
by WB9IOG <WB9IOG@revealed.net>
- 6) re: Civil Defense ham gear
by Jeffrey Herman <jeffreyh@hawaii.edu>

- 7) Re: Rust on copper plated chassis
by Jim Lockwood <jmlckwd@mindspring.com>
- 8) Re: GPR 90 knobs
by Avery Comarow <acomarow@USNEWS.COM>
- 9) Re: 390A BCB Sigs
by Kevin Pease <hamradio@mm1001.theporch.com>
- 10) Re: 10M AM
by W4UOC@aol.com
- 11) WTB Collins 70E-5 PTO
by Karl-Arne Markstrom <kam@stoa.mobile.telia.se>
- 12) BA Locations
by "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
- 13) re:390A BCB Problem
by n5off@w5ddl.aara.org
- 14) 10 AM today(fri)
by Ronnie Hull <w5sum@ms1.nwla.com>
- 15) cuseeme for boat anchor folks?
by Ronnie Hull <w5sum@ms1.nwla.com>
- 16) Heath HD-20
by Ronnie Hull <w5sum@ms1.nwla.com>
- 17) Re Manuals For Postage
by ARONGV@aol.com
- 18) ADMINISTRIVIA: Posting Admin Requests
by listown@jackatak.theporch.com (Mail List Owner)
- 19) HT-37 Puszzle Solved
by "Robert Nickels" <ranickel@mwci.net>
- 20) HELP, BANDSWITCH, HW-16
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 21)
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 22) Re: Filament care
by Dexter Francis <cwest@xmission.com>
- 23) Re: BOATANCHORS digest 1799
by Dexter Francis <cwest@xmission.com>
- 24) Millen Gear & Misc
by Don <71333.144@compuserve.com>
- 25) Simpson 360 VOM charger ???
by Dexter Francis <cwest@xmission.com>
- 26) Filament voltage continued (Tube testers)
by Dexter Francis <cwest@xmission.com>
- 27) Japanese NC-173 copy?
by wallace@world.std.com (Andy Wallace)
- 28) Re: your mail
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 29) SX-28 Info
by "William C. Robbins" <billrobb@net-link.net>
- 30) Darn Valiant 2 screwed up again
by L & M <toneri@ils.net>

Date: Thu, 27 Nov 1997 20:32:34 -0800
From: Mikhael Brown <mikhael@hpcmp13.sj.hp.com>
To: Boatanchor Swap <baswaplist@foothill.net>,
Boatanchors <boatanchors@sco.theporch.com>
Subject: FS BC-221F
Message-ID: <347E4962.37A665D7@hpcmp13.sj.hp.com>

I have the following for sale. It is boxed and ready to mail out.

BC-221F, 125 to 20,000 Kc, Aluminum case not black wrinkle \$25

I am located in San Jose, Ca.

--
This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or government should try to take credit for it

Mikhael Brown email: mikhael_brown@hp.com

Date: Thu, 27 Nov 1997 20:42:50 -0800
From: Mikhael Brown <mikhael@hpcmp13.sj.hp.com>
To: Boatanchor Swap <baswaplist@foothill.net>,
Boatanchors <boatanchors@sco.theporch.com>
Subject: FS Books
Message-ID: <347E4BCA.1D7FCCC4@hpcmp13.sj.hp.com>

I have the following books for sale.

Riders volume 4, good condition - \$25 plus shipping
Riders volume 8, good condition - \$25 plus shipping
Riders volume 9, good condition - \$25 plus shipping
Radio Physics course, Ghiradi Fair condition, cover - \$25 plus
shipping

All prices plus shipping from San Jose, Ca

--

This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or government should try to take credit for it

Mikhael Brown

email: mikhael_brown@sj.hp.com

Date: Thu, 27 Nov 1997 23:10:42 -0600 (CST)
From: John England <jengland@mail.tds.net>
To: boatanchors@theporch.com
Subject: Rust on copper plated chassis
Message-ID: <199711280510.XAA02160@mail.tds.net>

I have several Heath units that use the copperplated chassis. Most have some small amount of rust. I have tried the naval jelly but its not very effective. If you use emory cloth or other abrasive items you quickly lose the copper plating. Anyone here on the group have suggestions of techniques and chemicals that would be helpful to remove rust and corrosion without destroying the plating. I also would be interested in anyone who has info on copper plating...good books etc... provided I get really wild and take one of units down to a bare chassis and try replating after perhaps sand or bead blasting the whole chassis. Thanks in advance and hope everyone had a great Thanksgiving.

John K4RIG

Date: Thu, 27 Nov 1997 23:17:47 -0600
From: Tom Norris <badger@telalink.net>
To: Adam McLaughlin <kd6poc@jps.net>
Subject: Re: Determining age of Simpson 260 meter?
Message-ID: <3.0.3.32.19971127231747.0073f648@telalink.net>

At 07:44 PM 11/27/97 -0800, you wrote:

>Dear Tom,

>

>What series is it? It says what series right under the words:

>

>Simpson

>260

It is a series 6M Hmmm probably not that old then. 70's or so?

Looks brand new though.....

Tom

Date: Fri, 28 Nov 1997 01:36:24 -0800
From: WB9IOG <WB9IOG@revealed.net>
To: boatanchors@theporch.com
Subject: Re: GPR 90 knobs
Message-ID: <347E9098.7087@REVEALED.NET>

> Avery Comarow wrote:
> I'd love to ... get a knob set for the
> GPR-90 receiver.
> Avery W40GK
>
> I discovered that these GPR90 knobs (which are made by Daka Ware) can be
> exactly duplicated from the more common "Collins style" knobs by using a
> small skirt with the next larger size knob. The skirts are held on with
> three screws.
> 73, John, KU6X

Avery

I have a bag of fluted (7) type knobs salvaged from a Tech scope.

(Daka-Ware)

The skirts are 1 15/32" and the knob is =~ 1 1/16" that might make it
look more realistic. 8 available.

Mike

Date: Thu, 27 Nov 1997 21:41:21 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Ho4bart@aol.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: re: Civil Defense ham gear
Message-ID: <Pine.GS0.3.95q.971127213418.26421A-100000@uhunix5>

On Thu, 27 Nov 1997 Ho4bart@aol.com wrote:

> brianbj@compuserve.com writes:

>> This is the "ol' yellor" model with CD decals on the front and sides,

> i think the big CD decals on these really adds character.

We still use that emblem (blue background with red "CD" in a white

triangle) for the state and county Civil Defense agencies here in Hawaii. I have those decals on my pager, 2m HT, and even on my bicycle!

Jeff KH2PZ / KH6 (member Oahu County Civil Defense Agency)

Date: Fri, 28 Nov 1997 05:32:31 -0500
From: Jim Lockwood <jmlckwd@mindspring.com>
To: jengland@mail.tds.net
Cc: boatanchors@theporch.com
Subject: Re: Rust on copper plated chassis
Message-ID: <3.0.32.19971128053224.006f7e80@pop.mindspring.com>

At 11:10 PM 11/27/97 -0600, you wrote:

>I have several Heath units that use the copperplated chassis. Most have
>some small amount of rust. I have tried the naval jelly but its not very
>effective. If you use emory cloth or other abrasive items you quickly lose
>the copper plating.

Hi John,

All of the Heath chassis I've seen have a clear lacquer overcoat on top of the copper. That overcoat will prevent the naval jelly from doing its job.

My suggestions would be to first strip away this clear coat, using a paint stripper or maybe lacquer thinner (well ventilated in either case!). Then apply the naval jelly to the bare metal surface.

The active ingredient in NJ is phosphoric acid and it *does* work very well on a copper surface. It will turn the copper a slightly pink color, but this is just on the surface and can be wiped off with a dry paper towel.

Good luck.

73,

Jim - K4CCF
(formerly KM6NK, WA4K00, WN4K00)

Looking for original QSL cards from K4CCF

Date: Fri, 28 Nov 1997 05:51:45 -0600 (CST)
From: Avery Comarow <acomarow@USNEWS.COM>
To: "John Hurst" <hurstjsj@gte.net>
Cc: boatanchors@theporch.com, acomarow@USNEWS.COM

Subject: Re: GPR 90 knobs

Message-ID: <199711281151.FAA07875@sco.theporch.com>

At 10:05 PM 11/27/97 -0500, John Hurst wrote:

>I discovered that these GPR90 knobs (which are made by Daka Ware) can be
>exactly duplicated from the more common "Collins style" knobs by using a
>small skirt with the next larger size knob. The skirts are held on with
>three screws.

>73, John, KU6X

>-----

John, thanks! You may have solved my problem. Do you happen to know which
of the big distributors, like Allied, Mouser, etc., carry the Daka line?

Avery W40GK

Date: Fri, 28 Nov 1997 06:50:57 -0600 (CST)

From: Kevin Pease <hamradio@mm1001.theporch.com>

To: Dan Martin <VISUALLINK.COM!dmartin@mm1001.theporch.com>

Cc: Old Tube Radios <theporch.com!boatanchors@mm1001.theporch.com>

Subject: Re: 390A BCB Sigs

Message-ID: <Pine.LNX.3.95.971128064001.13664A-1000000@mm1001.theporch.com>

On Thu, 27 Nov 1997, Dan Martin wrote:

> I was listening to the AM BCB tonight, which I never do. I discovered we
> have a real mondo-station locally at 1400 kHz. 70 db-plus on my carrier
> meter. Problem is, I continue to hear this station through the noise and
> other stations at somewhat reduced level almost continuously up to 1500
> kHz and down to 1300 kHz - almost a 200 kHz range.

What you are experiencing is a weakness in the R-390 R-390a SP-600 and
others with large amounts of RF gain. I know that the R-390 has 2 rf
stages I don't remember if the R-390a does but the mixer is overloaded by
the strong station. The grid circuit is driven highly positive by the
signal which modulates every signal with some of the overloading signal.
As you get further away from the station frequency the front end
selectivity reduces the strength of the station until it no longer
overdrives the mixer.

If the above is not happening you are getting bad leakage around the IF
filters. The way to tell is as follows.

If all stations have a small amount of the audio from the Strong station regardless of their strength the above is happening.

If you only hear the audio in the noise where there is no other station it is probably bad leakage around the filters which should not be considered normal.

I used to have both an R-390 and R-390a and both suffered from that problem in varying amounts.

I had an SP-600 that had the problem real bad and the HRO's suffer from it some because of the 2 RF stages.

The solution is less antenna or less Gain in the RF stage. Lowering the gain of the RF stage will affect weak signal performance on the higher bands less antenna for BCB is probably the best answer.

Also I believe that there is a gain adjustment in the R-390 that may just be too high which makes the RX noisy with no signal and reduces the actual sensitivity and may contribute to the above problem. You might try reducing the overall gain with that adjustment and see what that does.

Kevin Pease
WB0JZG
Mount Juliet, TN.

Date: Fri, 28 Nov 1997 09:05:02 -0500 (EST)
From: W4UOC@aol.com
To: kb5www@juno.com, boatanchors@theporch.com
Subject: Re: 10M AM
Message-ID: <971128090501_1106348299@mrin42.mail.aol.com>

Hi from Dunwoody, Ga.

Despite the attached report.... 10 meter a.m. was full of stations calling CQ on or about 29.0. I worked a station in Portland, OR at 20 over S-9. I was not even trying to work the band. Just showing my equipment to a Thanksgiving visitor to our home. He was really impressed!

73 and happy holidays to y'all

Tom Koch -
W4UOC

Date: Fri, 28 Nov 1997 15:11:19 +0100
From: Karl-Arne Markstrom <kam@stoa.mobile.telia.se>
To: boatanchors@theporch.com
Subject: WTB Collins 70E-5 PTO
Message-ID: <347ED107.5B7F@stoa.mobile.telia.se>

Gang,

I have the possibility of buying an otherwise OK
51J-3 receiver, from which the 70E-15 PTO assembly
has been removed.

Is there anybody out there that can give advice if
a spare PTO can be obtained?

73/

Karl-Arne Markstrom
SM0AOM

kam@stoa.mobile.telia.se

Date: Fri, 28 Nov 1997 09:14:25 -0800
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
To: boatanchors@sco.theporch.com
Subject: BA Locations
Message-ID: <347EFBF0.271F@concentric.net>

Greetings all: I am in Atlanta, GA for a few days. Does anyone know
of any BA dealers, surplus and ect. MANY thanks

73's
Lloyd

Date: Fri, 28 Nov 1997 14:52:05 UTC
From: n5off@w5ddl.aara.org
To: boatanchors@theporch.com
Subject: re:390A BCB Problem
Message-ID: <133631@w5ddl.aara.org>

I've seen this problem with mis-aligned front ends.

Is your front end properly alinged (i.e. cam peak on the hash mark

at 7+000)?

Until you have this set up properly, you can't really find the problem.

I have two rigs going with a BCB at 1330, 80 dB on the meter and no problem. This station plays havoc on less robust rx's like my Harris RF-505A, which requires a reduction in RF gain to cope.

Make sure that front end is set up properly.

73 Tom N50FF

Date: Fri, 28 Nov 1997 09:08:59 -0600
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Subject: 10 AM today(fri)
Message-ID: <3.0.5.32.19971128090859.007a0410@ms1.nwla.com>

I'm on 29.0 monitoring. I will call cq on the hour and the half hour as long as I can today. Currently I'm hearing florida and peurto rico on ssb. I'm looking east right now with the classicc 33 at 55, and using the 2-B/Ranger II.

lets wake ten up with the boatanhors today y'all!!!

Ronnie

* W5SUM *
* Ronnie Hull *
* ex: WN5AIA & WB5AIA *
* Ten-Ten #2019 AMI #1057 *
* 3131 Meadow Parkway Dr. *
* Shreveport, La USA 71108 *

Date: Fri, 28 Nov 1997 09:10:37 -0600
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Subject: cuseeme for boat anchor folks?
Message-ID: <3.0.5.32.19971128091037.007a3100@ms1.nwla.com>

Just curious, do any of the folks on boatanchors hang out on a cu-seeme reflector? I'm on the NWLA.COM refelector at 207.22.207.2

you'll get a fairly good shot of the shack and sometimes even I !!!!

Ronnie

```
*****
*                W5SUM                *
*                Ronnie Hull           *
*                ex: WN5AIA & WB5AIA    *
* Ten-Ten #2019                AMI #1057 *
*                3131 Meadow Parkway Dr. *
*                Shreveport, La USA 71108 *
*****
```

Date: Fri, 28 Nov 1997 10:23:37 -0600
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Cc: heath@qth.net
Subject: Heath HD-20
Message-ID: <3.0.5.32.19971128102337.0079fbd0@ms1.nwla.com>

howdy y'all

sometime back I acquired a little heathkit hd20 crystal calibrator in non-working condition. I posted at that time for a manual, and got one. The first thing I tried to do of course was to blame the transistor (SM62186). I replaced this with a common NPN, the SM not being listed by ECG,SK, GE,or NTE. This did not fix the problem. So, I guess I need a crystal. I have a couple but they are large can styles and they will not fit. Anyone got a little beauty that will fit in this booger? Or even better, no of a subsititufe for the before mentioned transistor?

finally dug down to this little project and figured I better get it out of the way before it got covered up again!! LOL

Ronnie

```
*****
*                W5SUM                *
*                Ronnie Hull           *
*                ex: WN5AIA & WB5AIA    *
* Ten-Ten #2019                AMI #1057 *
*                3131 Meadow Parkway Dr. *
*                Shreveport, La USA 71108 *
*****
```

Date: Fri, 28 Nov 1997 11:37:18 -0500 (EST)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: Re Manuals For Postage
Message-ID: <971128113718_1214896045@mrin79>

Hi Gang:

The event turned out just fine. All the manuals are spoken for. Earlier manuals for postage here run about 80% actually send the postage!

Messed up on one that wanted the Swan 240 manual. Got the E-mail address as wmera@erols.com, but it keeps bouncing back to me. Other than that, it was fun.

Next up right before Christmas will be my rigs for postage roundup, probably December 19.

Thanks for the nice comments of appreciation. Makes it all worthwhile.

73s Ron W00IZ

Date: Fri, 28 Nov 97 11:15:01 CST
From: listown@jackatak.theporch.com (Mail List Owner)
To: boatanchors@sco.theporch.com
Subject: ADMINISTRIVIA: Posting Admin Requests
Message-ID: <199711281715.LAA03499@jackatak.theporch.com>

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is *especially* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE *especially* not from the list, which is delivered as "Bulk!"

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Fri, 28 Nov 1997 11:55:35 +0000
From: "Robert Nickels" <ranickel@mwci.net>
To: boatanchors@theporch.com
Subject: HT-37 Puszze Solved
Message-ID: <199711281758.LAA29489@subcellar.mwci.net>

Hi All,

Thanks for the help with the HT-37. What was really throwing me was the fact that SSB and DSB output could reach 80 W on voice peaks, yet the CW output was a measly 15-20W. After verifying the bias wasn't the problem by splicing in a plate current meter as Kevin Pease suggested, it finally occurred to me that the HT-37, like all phasing rigs, the HT-'37 makes CW by disabling the phasing system and -DUH!- a low 9 Mhz carrier output would mean low drive thru the mixing stages to the final. Sure enough, after a new 12AT7 and re-peaking the 9 Mhz output, I now get a respectable 80-100 watts out on CW and SSB. I no longer scowl at this great classic transmitter...wonder if 10 is open..?

73, Bob W9RAN

"Eliminate all other factors, and the one which remains must be the

truth." (S. Holmes The Sign of the Four)

Date: Fri, 28 Nov 1997 13:12:38 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: HELP, BANDSWITCH, HW-16
Message-ID: <9711281312.aa24139@pcusa01.ecunet.org>

Isn't graphite somewhat conductive, like carbon?

Need to consider that I think when repairing a rotary switch with it, no?

-John Sehring (Wed, Nov 26, 1997 11:20 am MT @Baker, Montana) UCC WB2EQG

Date: Fri, 28 Nov 1997 13:12:38 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Message-ID: <9711281312.aa24142@pcusa01.ecunet.org>

> The potential reorganization of 40 meters is of great personal
> interest to me, and I would love to participate in further constructive
> debate *OFF* the boatanchors list...
>
> Administration of spectrum just is NOT an appropriate topic for the
> BoatAnchors list, and given that a large number of list readers are
> from outside the US, given that many list readers are not hams, and
> further given that not everyone is dead set against padding the VF0s
> to cover new proposed spectrum in their tube rigs, it needs to go
> off-line... right now!

This issue *does* impact ham-band BA users in the U.S. directly. It is therefore a fair BA topic. Since when does the presence of a group, non-hams and overseas users in this case, who may not be interested in a particular topic, override the discussion of topics?

Use of the Delete key is appropriate as always for topics not of personal interest to a member.

Issues of which BA's can make the proposed frequency transition and which can't and how mods might be done is certainly a valid BA topic.

> Let me know how I can help

Do not discourage further discussion of this subject.

-John Sehring (Wed, Nov 26, 1997 11:37 am MT @Baker, Montana) UCC WB2EQG

Date: Fri, 28 Nov 1997 11:17:58 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: Re: Filament care
Message-ID: <347F0AD2.7873@xmission.com>

Care an feeding of filaments is certainly a hot topic. ;-)

Seriously tho, my Hickock 752 has a "life test" switch on it that drops the filament voltage by 10%. If the transconductance moves more than a few percent, I consider the tube to be aged.

I often find used tubes who's Gm is way above nominal (up to 200%) and stay above nominal even with the filament voltage reduced to 90%. (I consider a used tube marginal when the Gm falls to nominal *during* the life test.)

Someone mentioned awhile back that most tubes are self-regulating by nature, that is; the transconductance is also regulated by the emission level. Having B+ on the plate, at least with with indirectly heated cathode types, isn't really going to be a strain, until the unit is all warmed up. I suspect the bigger concern is thermal shock on startup.

If a tube was being run into too low an impdedance, either because of a short in the next stage or poor circuit design or just being driven too hard, the tube would overheat, but I'm not sure that would be a problem for the filament, except on directly heated types.

Thermionic vacuum physics isn't my major, so someone else may wish to jump in here and fill the the holes, so to speak.

-df

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e-mail to: tubes@usa.net -or- cwest@xmission.com
(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Fri, 28 Nov 1997 10:47:29 -0700
From: Dexter Francis <cwest@xmission.com>

To: boatanchors@theporch.com
Cc: ranickel@mwci.net
Subject: Re: BOATANCHORS digest 1799
Message-ID: <347F03AF.5250@xmission.com>

This is just a SWAG - but with 20% tolerance values on already old parts, I'd be checking *all* the voltages just to be sure. (Plate, grids, local ground.) 20% of 49 is 9.8 Volts, so I'm not sure I'd be real worried about the bias being low UNLESS you are running outside the tube's linear range at -42. Don't want to get the FCC's ire up now do we?

-df

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e-mail to: tubes@usa.net -or- cwest@xmission.com
(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Fri, 28 Nov 1997 13:21:07 -0500
From: Don <71333.144@compuserve.com>
To: boatanchors <boatanchors@theporch.com>
Subject: Millen Gear & Misc
Message-ID: <199711281323_MC2-29F6-DE8A@compuserve.com>

NOTE: I am going out of town and may not be able to respond to you until Wednesday 12/3. But all replies will be collected with mail in Digest mode. Thanks.

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

FOR SALE

Millen Model 90800 Transmitter-Exciter. 50 to 60 watt transmitter. Uses plug-in coils. The design is from a construction article in the 18th ed of the ARRL Handbook. This TX is not especially rare but it comes with a good selection of original Millen coils which is unusual: 43082(2), 43042, 43022(2), 43012, 43640, 43680. This is a rackmount unit that looks excellent. Untested. With original manual, original Millen blueprint schematic and copy of ARRL handbook construction article with coil winding data. Tube lineup is 1 6L6 driving 1 807. Power supply not included. \$150

Millen Model 90700 "Variarm" E.C.O. This is the matching VFO for the transmitter above and is much more rare than the TX. The design is from a construction article in the January, 1941 QST magazine. It uses a Millen 80 meter-40 meter inductive coupling coil plug-in unit to plug into the TX crystal socket. The design is unique because it uses a swinging arm instead of a knob to finely adjust the frequency. Looks excellent but the arm is broken off (it's just a threaded rod but you would have to extract the nub left in the hole). Untested. With original manual and copy of the 1/41 construction article. Tube lineup is one 6K7 and one 25L6GT. \$125. I will not sell this until I see if the transmitter buyer wants it.

Millen Model 90881 Linear Amplifier. 450 watt amplifier using plug-in coils. The original design was published in the ARRL Handbook but I'm not sure of the issue. Again, this unit is not especially rare but it is very rare to find one with the original Millen coils for all bands, 10-80 meters. Excellent looking. Untested. The filament transformer has been replaced with a non-original unit. This amp can use 2 812s, 2 Taylor TZ-40s or 2 Eimac 35Ts. 2 812s are included. One has the top cap off but this is easily reinstalled. Includes manual copy and copy of ARRL Handbook construction article. \$280

Hallicrafters SR-42 2 meter AM transciever. A good looking, good-working radio. Paint at front edges has some light scratches. Front panel is excellent. Cabinet is good or very good. I got this from the original owner who made a modification to avoid having to buy expensive 7059 tubes. He replaced the 7059 with a 6U8A and the 12AQ5 with a 6AQ5 and put the filaments of those 2 tubes in series across the 12-volt filament line. Otherwise all original. Complete. Working as designed. \$50

R. L Drake High-Patch. Needs cleaned but still looks good. All original. Untested. Complete. \$8

Hallicrafter SX-105 VHF mini-boatanchor covering 152-174mc. Cabinet size matches HT-18, S-53, etc. Paint style is smooth two-tone gray. This radio has one or two small blemishes but it really looks brand new. The exteriore sparkles and you can eat off of the chassis. The radio's only flaw is that the dial cord slips. Works but has hum in audio. Complete. All original. \$29

Everready Model 2 loudspeaker. Cast potmetal speaker with pewter grille and red grill cloth. Shaped like a 14" cube with the corners beveled 4" or so. Painted gray. Driver probably not original. Believed to be 1920's vintage. \$40

Heathkit AM-2 reflected power and SWR bridge. Dirty but should clean up very well. Complete. Original. Untested. With original manual. \$12

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Date: Fri, 28 Nov 1997 11:33:18 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: Simpson 360 VOM charger ???
Message-ID: <347F0E6D.7F52@xmission.com>

Greetings all -

Does anyone happen to know what the output is for the battery charger for a Simpson 360 VOM? It appears to have had a 1/4" phone plug, but I can't tell if the voltage was supposed to be AC or DC or what the amplitude was supposed to be.

-df

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(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Fri, 28 Nov 1997 11:42:40 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: Filament voltage continued (Tube testers)
Message-ID: <347F109E.7152@xmission.com>

I forgot to mention another discovery about filament voltage. Again with reference to the Hickock 752, and by way of example, I have often found that the actual voltage on the filaments when under test is below nominal with the built in transformer. To compensate for this I've added terminals to use an external AC filament supply. The folks at Hickock must have known that the built-in was a bit under powered for high current filament tubes, as there are some "odd" settings on some types. For the 866, the chart says to run 4.6 Volts, while the actual filament voltage is 2.5. (I measure 2.6 across the filaments when the filament selector is set at 4.6.)

-df

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(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Fri, 28 Nov 1997 20:25:31 GMT

From: wallace@world.std.com (Andy Wallace)
To: boatanchors@sco.theporch.com
Subject: Japanese NC-173 copy?
Message-ID: <3484de69.56047667@world.std.com>

http://www.nsknet.or.jp/~ja9mat/Ja9fei_shack.htm

Check that out! An R-390A on the left, with the frequency display cover, and on the right, a Japanese commercial receiver which sure looks like they stamped out an NC-173 in a hurry.

--Andy
wallace@world.std.com

"I wasn't kissing her. I was whispering in
her mouth." --Chico Marx

Date: Fri, 28 Nov 1997 10:26:25 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: JOHN SEHRING <JOHN_SEHRING.parti@ecunet.org>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: your mail
Message-ID: <Pine.GS0.3.95q.971128102152.25093B-1000000@uhunix2>

On Fri, 28 Nov 1997, JOHN SEHRING wrote:

> > Administration of spectrum just is NOT an appropriate topic for the
> > BoatAnchors list, and given that a large number of list readers are

> This issue *does* impact ham-band BA users in the U.S. directly. It is
> therefore a fair BA topic.

Heehee - all BA users brush their teeth, so that must mean toothbrushes
are a fair BA topic!

Best to continue this topic on rec.radio.amateur.policy - it was created
exactly for discussions such as this.

73, Jeff KH2PZ / KH6

Date: Fri, 28 Nov 1997 15:37:48 -0500
From: "William C. Robbins" <billrobb@net-link.net>
To: boatanchors@theporch.com
Subject: SX-28 Info
Message-ID: <199711282037.PAA24140@serv01.net-link.net>

Members:

I have 2 basic questions about the SX-28(A).

1. Does anyone know the correct paint for the cabinet. Inside of the cabinet is a much more bluish gray than the outside. I believe the outside has darkened to a battleship (darker) gray due to exposure. ?????
2. I also have an SX-28A with a hole in the front panel and missing some knobs. Also missing the top cover plate. Are front panels available and, is this better left for parts or to restore. I always prefer to restore if parts are available.

Help please.

Bill

Heathkit Collector
WA8CDU formally WN8CDU

Date: Fri, 28 Nov 1997 15:49:27 -0500 (GMT-0500)
From: L & M <toneri@ils.net>
To: boatanchors@theporch.com
Subject: Darn Valiant 2 screwed up again
Message-ID: <199711282049.PAA21435@server1.ils.net>

Well at least I got a couple of months of trouble free operation out of the Valiant 2 before it started with its bag of tricks again. Last night the drive disappeared on 80 meters (only 80) and today the modulator cathode current went way up to 200 ma at idle just as I was about to go on 10 AM. Geez sometimes ya just can't win. At least I have the old Valiant 1 to fall back on.

I decided to do some voltage checks on the Valiant 2 and the DC voltages are all OK BUT.. on the minus 150 volt bias supply there is 7 volts of AC ripple and on the 300 volt low DC supply there is 27 volts of AC ripple. I guess the electrolytics need to be replaced. Does anyone know where I can get good electrolytic capacitors? I think there was a post about this subject last week but of course I didn't save the info. I am still not sure about the

high modulator idle current unless the secondary of the driver transformer has shorted to ground and that would leave no bias on the 6146 modulator tubes. Anyone have any ideas about that one?

I really miss the Valiant 2 with its stable VFO.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net
Keswick, Ontario
WEBPAGE: <http://www.geocities.com/heartland/meadows/8218>

End of BOATANCHORS Digest 1800

>From ???@??? Sat Nov 29 09:51:16 1997
Message-Id: <199711290506.XAA14337@sco.theporch.com>
Date: Fri, 28 Nov 1997 23:05:59 CST
Subject: BOATANCHORS digest 1801

BOATANCHORS Digest 1801

Topics covered in this issue include:

- 1) cleaning out the bench
by bdhall@ghg.net (Benjamin D. Hall)
- 2) Items for sale
by Thomas Bowes <bowes@tir.com>
- 3) goodies available
by Bob Roehrig <broehrig@admin.aurora.edu>
- 4) For Sale
by "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
- 5) 10M AM today
by Ronnie Hull <w5sum@ms1.nwla.com>
- 6) MANUALS FOR SALE - CORRECTION TO LIST
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 7) Re: HELP, BANDSWITCH, HW-16
by Scott Robinson <spr@earthlink.net>
- 8) Re: Filament voltage continued (Tube testers)
by Scott Robinson <spr@earthlink.net>
- 9) Re: SX-28 Info
by Scott Robinson <spr@earthlink.net>
- 10) QRPers discover Frank Jones
by MNHopkins@aol.com

- 11) RT-3 / ARN-1
by PLT1032@aol.com
- 12) wrong to modify Morrow dc supplies?
by Ho4bart@aol.com
- 13) FS: 3D21A's
by rlahlum@juno.com (Ross J Lahlum)
- 14) National NC-156 manual needed
by "Lawrence R. Ware" <lrware@pipeline.com>
- 15) Re: 10M AM today
by L & M <toneri@ils.net>
- 16) Re: R-390 harness help!
by Dexter Francis <cwest@xmission.com>
- 17) Collins Tubes
by Sandra L Knepper <slkst29+@pitt.edu>
- 18) HRO Coils-Corrections & Answers to Question
by avidov@juno.com (avi aben)
- 19) goodies available
by Bob Roehrig <broehrig@admin.aurora.edu>
- 20) Eico 950 cap checker
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 21) Loudenboomer Amplifier
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 22) Re: wrong to modify Morrow dc supplies?
by Ken Gordon <keng@uidaho.edu>
- 23) WTB:BC-610
by Tom Smith <tsmith@hal-pc.org>
- 24) RT-3 / ARN-1
by PLT1032 <PLT1032@aol.com>
- 25) ATTACHED FILE
by PLT1032@aol.com

Date: Fri, 28 Nov 1997 14:57:20 -0600
From: bdhall@ghg.net (Benjamin D. Hall)
To: boatanchors@theporch.com
Subject: cleaning out the bench
Message-ID: <3.0.32.19971128145716.007046b0@mailman.ghgcorp.com>

Greetings everyone...

Was cleaning off the workbench this afternoon before the 3 foot high pile of junk fell on me, and found some goodies to pass along for the cost of shipping in the spirit of Thanksgiving.

#1) pair of 0.75 amp 2500 V fuses. 3/8 inch diameter, 4 1/2" inches long. Bought 'em down at the local surplus place for someone that needed them, but they never sent the dough. I've got nothing that uses them.

#2) pair of 2 amp 3000 V fuses. 3/8 inch diameter, just under 5 inches long. Same story as #1. Actually have three of them, but one rattles so I don't know if it is good.

The same surplus place has other lengths/values so if you really need a high voltage fuse for some project / peice of equipment let me know, I'm down there enough and can check easily.

#3) someone needed "daka-ware" knobs like used on Tek scopes. Recently scrapped a Jetronic excuse-for-a-scope and not sure if they are "daka-ware" or if they fit the bill, drop me an e-mail.

later and 73,
Ben

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator
extraordinaire. Located in Houston, Texas, USA.
e-mail: BDHall@ghg.net web:<http://www.ghgcorp.com/bdhall>

Date: Wed, 26 Nov 1997 05:14:48 -0500
From: Thomas Bowes <bowes@tir.com>
To: boatanchors@theporch.com
Subject: Items for sale
Message-ID: <347BF698.61A8@tir.com>

A friend of mine, Gary Cheek, KG8LB has asked me to post the following for sale items on his behalf. All items are for use with the BC-610 series transmitters.

- 1) Radio Teletype Control C-808/GRC-26A
S/N 832 Order 1908 PHILA-51-01-C with CY-901 Case.
G-VG condition \$125 plus shipping
- 2) BC-614 Speech Amp GC \$125 plus shipping
- 3) Frequency Shift Exciter O-39C/TRA-7
S/N 479 Order 3357 PHILA-52
VGC with shock mount case CY-827 \$150 plus shipping

Please call Gary at (810) 731-6094 with any offers or requests for information as he does not have Internet access.

Best Wishes

--

"Tom"

Thomas Bowes
KK8M
5529 25 Mile Road
Shelby Twp., Michigan 48316

Date: Fri, 28 Nov 1997 16:08:04 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: goodies available
Message-ID: <Pine.ULT.3.96.971128160146.14366C-100000@admin.aurora.edu>

I see I am not the only one garage cleaning today.....
F.S. prices include shipping in CONUS:

- 1) AMECO VHF converter (believed to be 2 meters but not sure).
It is model CN and has 3 Nuvistors and a 6J6. Has 60.3MHz xtal
\$20.00
- 2) NATIONAL SPEAKER - 8 inch 4 ohms inside metal cabinet measuring
10 3/4 wide, 10 1.2 high, 8 inches deep. Light gray top, darker
gray bottom. Has lightning bolt and National NC logo on gray
grille cloth. Good shape but top gray needs repainting.
\$25.00
- 3) I have 8 NIB Cetron CE23A photocells. These are the size of a
6V6 with a standard 4 pin tube base. How 'bout \$10.00 for all?

"No one is listening until you make a mistake"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Fri, 28 Nov 1997 17:13:41 -0500
From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
To: "LIST, POST BOATANCHORS" <BOATANCHORS@theporch.com>,
"LIST, POST VINTAGE RADIO" <vintage-radio@qth.net>
Subject: For Sale
Message-ID: <199711281713_MC2-2A06-A59D@compuserve.com>

Hello to all,

I met a fellow here in Carrollton, GA who has a BC-610-I, R-388, misc. parts, tubes (100TH, 250TH, 807, 3B28, 6V6, etc.) for sale. He does not have access to the internet. I am doing this as a favor to list members and to the owner. I do not need any of the tubes or parts. He also has misc. transformers, both power and audio. His name is Doyce Lee. Phone 770-832-0420. Call him and deal direct.

Regards to all,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
Telephone 770-832-0202  
AMI #9 - Southeastern Division Director  
<http://ourworld.compuserve.com/homepages/sweetbay>

<><

~~~~~ =  
Keeper of the Hallicrafters SX-88 Owners List

Date: Fri, 28 Nov 1997 16:20:45 -0600
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Subject: 10M AM today
Message-ID: <1.5.4.16.19971128172418.24e77a7a@ms1.nwla.com>

I was monitoring 29.0 all day today. I heard quite a bit of activity, and even worked a few stations myself. Seems the fellow on the northwest coast of US had a field day, with openings to all corners of the states. I heard them working 0's, 9's, 8's, but I could hear none of these. I am in Shreveport, La, and heard not a peep out of the east coast or florida today.

But... the band WAS open. Had a ball..

Sandy, I heard you in there, barely, which is rare for being so close...

Ronnie

=====

W5SUM
Ronnie Hull
3131 Meadow Parkway dr.
Shreveport, La 71108

=====

Date: Fri, 28 Nov 1997 17:51:15 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: MANUALS FOR SALE - CORRECTION TO LIST
Message-ID: <9711281751.aa15545@pcusa01.ecunet.org>

To: boatanchors@theporch.com

>Manuals for sale, originals (except as noted), prices are postpaid.

>

>1. Eico 625 5" Oscilloscope, \$1.75.

Mike Burke has kindly pointed out that the model number is wrong, it should be 425 not 625 (that's a boob tester). Here's the correction, sorry:

1. Eico 425 5" Oscilloscope, \$1.75

^

-John Sehring (Fri, Nov 28, 1997 12:49 pm MT @Baker, Montana) UCC WB2EQG

Date: Sat, 29 Nov 1997 14:56:03 -0800
From: Scott Robinson <spr@earthlink.net>
To: boatanchors@theporch.com
Subject: Re: HELP, BANDSWITCH, HW-16
Message-ID: <v03007802b0a64dc7d1e2@[153.34.139.196]>

John Sehring wrote:

>Isn't graphite somewhat conductive, like carbon?

>

>Need to consider that I think when repairing a rotary switch with it, no?

Well, they make power tube plates out of it. so there's a clue...

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Sat, 29 Nov 1997 15:00:30 -0800
From: Scott Robinson <spr@earthlink.net>
To: boatanchors@theporch.com
Subject: Re: Filament voltage continued (Tube testers)
Message-ID: <v03007803b0a64ebc0b69@[153.34.139.196]>

>Again with reference to the Hickock 752, and by way of example,
>I have often found that the actual voltage on the filaments when
>under test is below nominal with the built in transformer. To
>compensate for this I've added terminals to use an external AC
>filament supply. The folks at Hickock must have known that the
>built-in was a bit under powered for high current filament tubes, as
>there are some "odd" settings on some types.

Yes, and for testing 6AS7, 6080, 6336 regulators with BIG heaters you set
the filament voltage to 7.5.

Regards,

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Sat, 29 Nov 1997 15:06:44 -0800
From: Scott Robinson <spr@earthlink.net>
To: boatanchors@theporch.com
Subject: Re: SX-28 Info
Message-ID: <v03007804b0a64f502e5b@[153.34.139.196]>

Folks:

Bill the Heathkint collector wrote:

>2. I also have an SX-28A with a hole in the front panel and missing
>some knobs. Also missing the top cover plate. Are front panels available
>and, is this better left for parts or to restore. I always prefer to
>restore if parts are available.

For a nice but not difficult repair, note that Heyco makes plastic snap-in hole plugs whose tops are black matte finish and shaped like very shallow domes with very thin edges. They look quite professional and unobtrusive in place and could be painted to match the panel before installation. You can always get compulsive with automotive body materials or a TIG welder later (probably never in my case) , but thes plugs make a good interim repair and do no harm.

I expect Newark and other such suppliers carry them. They are MUCH prettier than the old chrome Heyco hole plugs of yore.

Yours for perfect insides and adequate appearance,

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Fri, 28 Nov 1997 18:49:48 -0500 (EST)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: QRPers discover Frank Jones
Message-ID: <971128184947_44906970@mrin53.mail.aol.com>

Over on QRP-L, the 2,000 member white noise generator that also does QRP, someone has actually built a regenerative detector single IF superhet -- a Frank Jones Super Gainer. Cannot say who might have catalized that, but felt it my duty to say they were on ground where many had tred before -- less they think the things came from Kyoto or Dolly Parton Parkway.

here is the post:

Now that KD1JV, Steve, has actually brought one back to life, its time to restate what Frank Jones was after, and why, when he gave us the first one back in the 5M days of 1935.

Frank, W6AJF, was after the benefits of the superheterodyne scheme without any of its complications. He wrote the book "The Radio Newcomer," recently available in reprint here, "Five Meter Radiotelephony," and was also the Editor of the West Coast Handbook (I am gathering an annotated bib on Frank Jones). Since he was writing to get more people on the air, he wanted simple circuits. Some are remarkably so like a one-tube 5M transceiver (56-60 mc) from a 1934 Popular Science and the 5M Radiotelephony book. His readers often did not have any test equipment at all, so a specific IF was as elusive in practice as in concept to them. Let it be known and recalled: image rejection was not a goal in the original Super Gainer. The 5M one used an intermediate frequency as low as 35 kc (0.0000035mc) or so and of images Frank said "tune the better one." Jones, and Maj. Armstrong when he was walking around in France in WWI simply wanted signals down low enough to use a regenerative detector. It is problematic how close they were to the Direct Conversion scheme back then -- perhaps very close.

Later, when he refined the concept for HF, Jones began to use 455 kc and prefer a specific iron core transformer of the type used in the McMurdo Silver Super Gainer kits in the late '30s, but still the idea was the same: build a one-transformer superhet without an IF amplification stage followed by the proven regenerative detector that every one then understood and accepted. This was proletarian radio at best and seditious squandering of technology to the masses at worse -- the things really worked and would run with the best commercially available rigs when the regenerative, not super-regenerative, detector was mastered. It was a classic and like most classics it comes back.

The last Super Gainer is described in CQ for November, 1957 and repeated in CQ Amateur Radio Anthology II, 1952-1959 at page 129. He said he had been getting letters for 20 years and shows a final version built for a friend who wanted speaker output -- the ancients were all earphone persons. The new Super Gainer has an RF amp and a v.t. (6AB4) TR switch front end. The IF is about 500 kc, which was the frequency of an at-hand surplus crystal, and a single stage of IF amplification was added to make up for the one-crystal filter's losses. Those of the Buick Roadmaster theory of Radio -- one control -- will loath the late Super Gainer, too, as it requires one to adjust the crystal filter (a

godsend to CW ops) as well as the regenerative detector. "[It] is too selective for 'phone," Frank admits, but in typical straightforwardness, he bends the crystal filter phasing cap over at the edge so it can be shorted out.

No one has described an optimized Super Gainer with modern devices. Frank switched to FETs late in life, but if he took the S-G up, we do not know. Most of his stuff is in a landfill in W6 land, but he left a legacy worth pursuit.

Resources:

A diagram of a Frank Jones Super Gainer for 5M is shown (unattributed) in Bill Orr's column in CQ for November, 1997 at page 51.

For those who want to see the '57 version, I will send a copy for the customary \$1 and an SASE. Address below.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Fri, 28 Nov 1997 18:52:12 -0500 (EST)
From: PLT1032@aol.com
To: boatanchors@theporch.com
Subject: RT-3 / ARN-1
Message-ID: <971128185212_1672435676@mrin85.mail.aol.com>

Just picked up a unit at a salvage shop today, It is an RT-3 / ARN-1, has a 28 volt Dynamotor, several tubes, antennas..... receiver and transmitter hookups.

Black wrinkle finish. Mounts same as BC-348. Is in unused condition, except for one small scratch. Tubes have shipping cardboard around them.

Regards,

Bob Lindgren

Date: Fri, 28 Nov 1997 19:06:13 -0500 (EST)
From: Ho4bart@aol.com
To: boatanchors@sco.theporch.com
Subject: wrong to modify Morrow dc supplies?
Message-ID: <971128190613_1627235972@mrin42.mail.aol.com>

i have the last Morrow twins together with dc power supplies (12 vdc in).
the sets look too nice to have been mobiled very long, or maybe ever.
i never will mobile them and i will try to insure that they don't eventually
go
to someone who would. (some still do this with vintage gear.)
my question, i am thinking i could rebuild the dc supplies to be 120 vac
input, then stack the rec and trans on top their respective supplies, for
a nice looking desk setup. but this does involve, well no avoiding it,
ruining the vibrator supply function. i guess i could run it off 12 dc and
try
to find vibrators or even do the solid state vibrator route. so that would
require
a husky 12 dc supply to run the set on the desk, 120 to 12 to Morrow B+.
is it important enuff to leave it as is, the power supplies?
also morrow has a rec ac supply , rec only, that tilts the rec at an angle
as it sits on the supply. like a pedestal. i don't really understand this as
there's no provision for mounting the xmtr too. this would look weird i think
the rec on its angled pedestal and the transmitter setting alongside.
gonset gear has dual dc/ac supply so this question doesn't come up,
ditto the elmac.
hue miller

Date: Fri, 28 Nov 1997 18:09:57 -0600
From: rlahlum@juno.com (Ross J Lahlum)
To: baswaplist@foothill.net, boatanchors@theporch.com
Subject: FS: 3D21A's
Message-ID: <19971128.180958.9030.0.rlahlum@juno.com>

Yep, I'm cleaning today, too!
Found a pair of 3D21A's in the attic. They are new

(NOS) in Hewlett-Packard boxes. Sibley's Tube Lore says they are vacuum pulser tetrodes, used in AN/UPN-3.

Anybody got a need for 'em?

73,

Ross KB9JJR

rlahlum@juno.com

Date: Fri, 28 Nov 1997 19:34:06 +0000
From: "Lawrence R. Ware" <lrware@pipeline.com>
To: boatanchors@sco.theporch.com, national@qth.net, baswaplist@foothill.net
Subject: National NC-156 manual needed
Message-ID: <3.0.32.19971128192549.006fae40@pop.pipeline.com>

Good evening folks, a very nice NC-156 arrived at Larry's Home for Wayward Radios just yesterday. :-)
(Yet another example of James Millen's fine engineering :-)

Anyone have a manual they would be willing to photocopy?
Costs, postage, and beer money gladly traded.

-Larry

Larry Ware
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.
Orlando, Florida
lrware@pipeline.com

Date: Fri, 28 Nov 1997 19:53:54 -0500 (GMT-0500)
From: L & M <toneri@ils.net>
To: w5sum@ms1.nwla.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 10M AM today
Message-ID: <199711290053.TAA26532@server1.ils.net>

At 04:20 PM 11/28/97 -0600, Ronnie Hull wrote:
>I was monitoring 29.0 all day today. I heard quite
>a bit of activity, and even worked a few stations
>myself. Seems the fellow on the northwest coast
>of US had a field day, with openings to all corners
>of the states. I heard them working 0"s,9's,8's, but
>I could hear none of these. I am in Shreveport, La, and

>heard not a peep out of the east coast or florida today.
>
>
>But... the band WAS open. Had a ball..
>
>Sandy, I heard you in there, barely, which is rare for
>being so close...
>
>Ronnie

Lots of stations on 10 AM heard up here as well. Worked a couple of stations after I warmed up the 500 since the old Valiant 2 decided to crap out again. I'll be working the next 4 days but after that I will be on vacation for 9 days and looking for contacts on 10 AM.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net
Keswick, Ontario
WEBPAGE: <http://www.geocities.com/heartland/meadows/8218>

Date: Fri, 28 Nov 1997 18:05:56 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: Re: R-390 harness help!
Message-ID: <347F6A73.279E@xmission.com>

Greetings all -

I'm trying to sort out the wiring harness on a R-390 and could use some help with the area around the fuse holders.

If anyone has a 390 (not A) that they would be willing to peek at, I'd gladly telephone or send a short list of what I'm stuck on.

-df

Visit our Web site at <http://www.xmission.com/~cwest/>
e-mail to: tubes@usa.net -or- cwest@xmission.com
(P.O. Box 22443, Salt Lake City, Utah 84122)

Date: Fri, 28 Nov 1997 20:20:44 -0500 (EST)

From: Sandra L Knepper <slkst29+@pitt.edu>
To: boatanchors@theporch.com
Subject: Collins Tubes
Message-ID: <Pine.GS0.3.96L.971128201822.19477E-100000@unixs1.cis.pitt.edu>

I have several 6L6 glass tubes that have the Collins winged emblem logo.

I have seen pictures of 810's with the Collins logo and wonder who made these tubes for Collins - RCA?

Do others have such tubes in their collection? Any assistance would be appreciated.

Thank you.

Dave, W3BJZ
Publisher of the Collins Journal

Date: Fri, 28 Nov 1997 20:18:47 -0500
From: avidov@juno.com (avi aben)
To: boatanchors@theporch.com
Subject: HRO Coils-Corrections & Answers to Question
Message-ID: <19971128.201923.7318.0.avidov@juno.com>

Many tnx to about a dozen BAers who responded to my post of 11/27.
To begin with,I must correct the physical appearance to read as follows:
G coil set is on a Black crackle finish panel,while the JC set is painted a smooth Navy Grey.Both have a pair of matching "U" shaped handles.

Markings: Both have printed metal labels with a calibration chart on left side(Freq vs.Dial) and a similar box on right for Station-Dial postings.
In small print on the G we read "J 196" and on the JC we see "J 192 ".
Contact boards on the G are marked G1 thru G4 & JC reads JC1 to JC4.
All the boards have 5 contacts except for G2 and J4,each having 6;the extra one in G2 is opp.contact #5 and in J4 it is opp.contact #1 .
The G frame is also marked 57 W while the JC frame is unmarked.
Last but not least, these units seem to be unused and look new to me.

I haven't set a price and will accept offers until midnight,Sun.12/7/97 to
give all interested a fair chance.You should allow \$4 for Domestic U.S.
Priority Mail shipment.

Tnx again for such spontaneous interest and support. 73

Date: Fri, 28 Nov 1997 19:48:56 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: goodies available
Message-ID: <Pine.ULT.3.96.971128194818.22767C-1000000@admin.aurora.edu>

OK folks - the speaker and VHF converter are spoken for - thanks.

"No one is listening until you make a mistake"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Fri, 28 Nov 1997 19:54:11 -0800
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: Eico 950 cap checker
Message-ID: <000AE4A1.001914@svlima.sv.sc.philips.com>

My restoration efforts have been severely hampered due to the recently begun misbehavior of my bargain Eico Model 950 R/C Bridge. I could sure use a manual or at least schematic for it. I'll pay handsomely for your time at the copy machine. Thanks.

Brian Harris WA5UEK
3521 Teakwood Lane
Plano, Texas 75075

Date: Fri, 28 Nov 1997 20:17:52 -0800
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: Loudenboomer Amplifier
Message-ID: <000AE4A2.001914@svlima.sv.sc.philips.com>

I am looking for one of the large knobs for my Loudenboomer MK II linear amplifier (Serial #311). If you have Rippen's 1995 transmitter book, you can see an example on page 108. The knob is black plastic and has a white pointer on

its 1-1/2" diameter skirt. The knob body itself is 7/8" diameter and has ridge on the face that is in line with the pointer. It fits a 1/4" shaft and is secured with two Allen screws. Knobs of this style are more often found on test equipment than amateur equipment, although one NCX-3 knob looks similar, with the exception of its aluminum face cover. When you are looking through your junk box knobs, please keep your eyes open for one of these. It's the last thing I need to complete the restoration of this unusual amplifier. Thanks.

Brian Harris WA5UEK

Date: Fri, 28 Nov 1997 18:30:59 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
To: Ho4bart@aol.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: wrong to modify Morrow dc supplies?
Message-ID: <Pine.BSF.3.95.971128183006.9081B-100000@piobaire.mines.uidaho.edu>

Hi, Hue.

Couldn't you just leave the Morrow PS alone and build another AC supply with proper cabling for the rx and tx?

Ken W7EKB

Date: Fri, 28 Nov 1997 20:30:15 -0600
From: Tom Smith <tsmith@hal-pc.org>
To: boatanchors@theporch.com
Subject: WTB:BC-610
Message-ID: <347F7E36.814FBAA4@hal-pc.org>

WTB: BC-610, coils,tuning units.
TMC PAL-350 HF amplifier
National HRO with band spread coils (prefer rack mount)
Millen modulator and or manual or schematic for construction.

Obviously I would like to get a BC-610 within reasonable driving distance. I have a good start on a completely Millen HF station. I would love to find either an original Millen modulator or enough poop to build one from scratch. Any help would be greatly appreciated.

Thanks! Tom Smith N5AMA

Date: Fri, 28 Nov 1997 21:35:17 EST
From: PLT1032 <PLT1032@aol.com>
To: boatanchors@theporch.com
Subject: RT-3 / ARN-1
Message-ID: <63afdb96.347f7f67@aol.com>

Is anyone familiar with this WWII instrumentation?

Bob Lindgren

Date: Sat, 29 Nov 1997 00:02:05 -0500 (EST)
From: PLT1032@aol.com
To: boatanchors@theporch.com
Subject: ATTACHED FILE
Message-ID: <971129000204_971499815@mrin46.mail.aol.com>

--PART.BOUNDARY.0.1984.mrin46.mail.aol.com.880779724
Content-ID: <0_1984_880779724@mrin46.mail.aol.com.10078>
Content-type: text/plain

Can anyone identify this equipment?

Bob Lindgren

--PART.BOUNDARY.0.1984.mrin46.mail.aol.com.880779724
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